

Listing of Claims:

1. (Currently Amended) A crawler track tension adjusting device for adjusting tension on a crawler belt of a crawler unit, the device comprising:

(a) a hydraulic actuator which is operable via operating oil
5 to control the tension on the crawler belt, wherein an inflow of
the operating oil to the hydraulic actuator is equal to an
outflow of the hydraulic oil from the hydraulic actuator such
that the hydraulic actuator is ~~operated~~ operable both in a
direction to increase tension on the crawler belt and in a
10 direction to decrease tension on the crawler belt under ~~the~~ a
same condition;

(b) an electric motor;

(c) a hydraulic pump ~~actuated~~ driven by the electric motor;
and

15 (d) an operating condition ~~detecting means~~ detector which is
disposed in a hydraulic circuit ~~which~~ that connects the hydraulic
pump to the hydraulic actuator, ~~for detecting the~~ and which
detects an operating condition of the hydraulic actuator;

wherein the electric motor is controlled ~~according to~~ in
20 accordance with a signal from the operating condition ~~detecting~~
~~means~~ detector.

2. (Currently Amended) The crawler track tension adjusting device according to claim 1, wherein the hydraulic actuator ~~is~~ comprises a double rod cylinder ~~comprised of that includes~~ a cylinder, a piston slidable within the cylinder, and a piston rod ~~having~~ including portions located respectively at ~~the~~ front and rear ends of the piston ~~respectively~~.

3. (Currently Amended) The crawler track tension adjusting device according to claim 2, wherein the piston rod portion located at the front end of the piston projects ~~forwardly~~ forward from the cylinder and is coupled to a yoke for supporting an idler about which the crawler belt ~~encircles~~ is wound, and wherein ~~the~~ a pressure active area of a front pressure chamber located in front of the piston is equal to ~~the~~ a pressure active area of a rear pressure chamber located behind the piston.

4. (Currently Amended) The crawler track tension adjusting device according to claim 1, wherein the hydraulic pump ~~has~~ comprises an operating oil tank integrally formed therewith.

5. (Currently Amended) The crawler track tension adjusting device according to claim 1, ~~wherein~~ further comprising:

an electromagnetic direction selector valve ~~is~~ disposed in the hydraulic circuit in an oil line which connects the hydraulic pump to the hydraulic actuator, and

wherein the operating condition detector comprises a hydraulic sensor ~~is~~ disposed ~~as said operating condition detecting means~~ in a portion of the oil line which connects the direction selector valve to the hydraulic actuator, and

wherein in response to a signal from the hydraulic sensor, a controller ~~disposed on the side of a main frame~~ controls the ~~hydraulic pump through~~ the electric motor and ~~controls~~ the direction selector valve.

6. (Currently Amended) The crawler track tension adjusting device according to claim 5, wherein the hydraulic circuit including the hydraulic actuator, the direction selector valve and the hydraulic pump has a hermetically closed structure ~~in which said parts are all hermetically closed.~~

7. (Currently Amended) The crawler track tension adjusting device according to claim 5, wherein the hydraulic pump ~~has~~ comprises an operating oil tank integrally formed therewith.

8. (Currently Amended) The crawler track tension adjusting device according to claim 5, wherein the hydraulic actuator comprises a double rod cylinder that includes a cylinder, a piston slidable within the cylinder, and a piston rod including portions located respectively at front and rear ends of the piston,

wherein the piston rod portion located at the front end of the piston projects forward from the cylinder and is coupled to a yoke for supporting an idler about which the crawler belt is wound,

wherein a stroke sensor ~~for detecting the~~ which detects a position of the piston rod ~~is so disposed as to face an~~ faces the rear end of the piston rod, and ~~said end being opposite to the end facing the yoke,~~

wherein a positional signal issued by the stroke sensor is input to the controller.

9. (Withdrawn - Currently Amended) The crawler track tension adjusting device according to claim 1, wherein said hydraulic pump ~~is~~ comprises a bidirectional pump,

wherein the operating condition detector comprises a hydraulic sensor ~~serving as said operating condition detecting means~~ is disposed in an oil line which connects said hydraulic pump to the hydraulic actuator, and

wherein a controller ~~disposed on the side of a main frame~~
controls ~~the hydraulic pump through~~ the electric motor [[,]] in
10 response to a signal from the hydraulic sensor.

10. (Currently Amended) The crawler track tension
adjusting device according to any one of claims 1 to & 4, wherein
said crawler track tension adjusting device is housed in a
casing, and two said casings are symmetrically disposed within
5 respective track frames for respectively supporting crawler units
disposed at ~~the~~ right and left sides of a vehicle.

11. (Withdrawn - Currently Amended) The crawler track
tension adjusting device according to claim 9, wherein said
crawler track tension adjusting device is housed in a casing, and
two said casings are symmetrically disposed within respective
5 track frames for respectively supporting crawler units disposed
at ~~the~~ right and left sides of a vehicle.